

What is claimed is:

1. A data communication apparatus, which transmits image data to the other end, comprising:

5 a first communication portion for a first form of image data communication;

a second communication portion for a second form of image data communication; and

10 a transmission controller for selecting one of the first form and the second form in accordance with information indicating a color reproduction range of image output in the other end, wherein the image data are transmitted to the other end by the first or the second communication portion corresponding to the selected form.

15 2. The data communication apparatus according to claim 1, wherein the transmission controller decides the inclusion relation between the color range of the image data and the color reproduction range and selects one of the first and the second communication portions.

20 3. The data communication apparatus according to claim 2, wherein the first form is facsimile communication, the second form is E-mail communication, and the transmission controller selects the facsimile communication if the color range is within the color reproduction range, and otherwise selects the  
25 E-mail communication.

4. The data communication apparatus according to claim 2, wherein the transmission controller selects the facsimile communication without deciding the inclusion relation if the image data are monochromatic data.

30 5. A data communication apparatus comprising:



deciding the inclusion relation between the color range of the image data and the color reproduction range and selecting one of the first and the second communication steps.

11. The data communication method according to claim  
10, wherein the first form is facsimile communication, the  
second form is E-mail communication, and the transmission  
control step includes the step of selecting the facsimile  
communication if the color range is within the color  
reproduction range, and otherwise selecting the E-mail  
communication.

12. A data communication method for transmitting image data from one end to the other end, the method comprising:

15           a reception controlling step of deciding whether the  
image data are to be printed or not to be printed in accordance  
with a color range of the received image data;

20       a memorizing step of memorizing the received image  
data without printing when it is decided by the reception  
controlling step that the received image data are not to be  
printed; and

a printing step of printing the received image data when it is decided by the reception step that the image data are to be printed.

25           13. The data communication method according to claim 12, wherein the reception controlling step includes the step of deciding to print the image data if the color range of the received image data is within the color reproduction range of the printer, and otherwise deciding to memorize without printing.

30            14.    The data communication method according to claim

12, wherein the communication step includes the step of performing at least one of facsimile reception and E-mail reception.

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